

1999 *Editorial* **INDEX**

This index of volumes 189 and 190 of *AMERICAN NURSERYMAN* covers all feature articles, as well as the Field Notes, First Person, Labor Watch, News Watch, Pest Control and Research departments. Articles are indexed by subject starting here, and by author starting on page 77. We hope you find the index useful for reviewing past articles of *AMERICAN NURSERYMAN*.

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IPPS Eastern Region Names Four Fellows. *News brief.* Dec. 1, page 12

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IPPS Eastern Region Names Four Fellows. *News brief.* Dec. 1, page 12

ISA Celebrates 75th Anniversary With Fundraiser. Nov. 15, page 16

MLNA Officers Chosen. Nov. 15, page 22

New Association Executive Directors Named. *The Arizona Landscape Contractors' Association, Colorado Nursery Association and Illinois Nurserymen's Association have named new executive directors.* News brief. Nov. 1, page 12

NJDA Manager Elected President of National Plant Board. Nov. 15, page 22

OAN Continues Safety Classes for Spanish-Speaking Workers. March 1, page 12

OFA's Short Course Draws Record Numbers. Sept. 15, page 16

ONLA Publishes Children's Book. News brief. July 1, page 14

Oregon Association of Nurserymen Inc. Names New President. News brief. Dec. 15, page 10

SNA Commemorates 100 Years of Service. July 15, page 10

BOTANICAL GARDENS/ ARBORETA

Atlanta Botanical Garden Opens Children's Exhibit. Sept. 1, page 19

Botanist with Chicago Ties to Head Kew Gardens. *Dr. Peter Crane, director of the Field Museum in Chicago, has been named director of the Royal Botanic Gardens at Kew in London.* March 15, page 16

Brooklyn Botanic Garden Receives \$419,000 Grant. May 15, page 18

Chicago Botanic Garden Opens Enabling Garden. Aug. 1, page 18

Florida Swamps Take Root at Cincinnati Zoo. *The Cincinnati Zoo and Botanical Garden has constructed a 38-foot-*

tall, 3,375-square foot greenhouse, which will be home to hundreds of plants indigenous to Florida's swamp habitat. July 1, page 19

Frederik Meijer Gardens to Display Leonardo da Vinci's Horse. *The Frederik Meijer Gardens has acquired a 24-foot-tall, bronze horse sculpture inspired by an unfinished Leonardo da Vinci design.* Jan. 1, page 16

JC Raulston Arboretum Continues Plant Distribution Tradition. *The JC Raulston Arboretum at NC State University continues the work of its namesake by distributing new or uncommon plants throughout the state for trial, observation and possible commercial production.* Jan. 15, page 14

Morton Arboretum to Build New Library. *The Morton Arboretum, Lisle, IL, is building a new library to house its rare botanical books and prints collection.* March 1, page 14

Morton Arboretum Publishes Pest Control Reports. *The Morton Arboretum, Lisle, IL, is publishing weekly Plant Health Care Reports for Zone 5. Pest Control brief.* June 15, page 14

National Garden Set to Open in 2001. *The National Garden is scheduled to open in 2001 as part of the United States Botanic Garden.* July 1, page 16

Paradise City. *The Denver Botanic Gardens offers serene plant displays and a tropical jungle in the heart of a booming metropolis.* Harriett McMillan. Feb. 1, page 62

Phipps Conservatory and Partners Start Frozen Seed Bank. *The Phipps Conservatory and Botanical Gardens has teamed with the University of Pittsburgh and the Carnegie Museum of Natural History to conserve the*

native flora of Pennsylvania through a frozen-seed bank. April 15, page 22

Tropical Display Opens Near Duke Gardens. *The Museum of Life and Science has opened the Magic Wings Butterfly House.* May 1, page 24

UNCW Creates Campus-wide Arboretum. Aug. 1, page 16

CHRISTMAS (see RETAILING)

COMPOSTING

Composting Council Holds National Awareness Week. April 1, page 16

Composting Program Benefits Green Industry and Farmers. Aug. 15, page 14

COMPUTERIZATION (see also ON-LINE INFORMATION)

Beyond Y2K. *Software should help you become more competitive, not just carry you into the next century. Look for software systems that put information at your fingertips, and help you grow and sell nursery stock more efficiently.* Kurt Harter. May 1, page 34

Countdown to 2000 — Getting Your Company Ready. *First Person.* Jansen Chazanof. May 1, page 15

Florists' Mutual Offers Liability Insurance, Plant Production Management Software. Oct. 15, page 12

Landscape Architect Creates Design Software. *David Petrosky, a landscape architect for L. Robert Kimball & Associates has created EZ-Plant software.* May 1, page 24

PlantAmerica Introduces CD-ROM. *PlantAmerica has introduced an interactive CD-ROM by Allan Armitage that reportedly recommends*

plants based on site conditions. News brief. July 15, page 10

Working Harder With Software. *Increase your client base and bottom line by delivering your services more efficiently with routing software.* Sarah McCollum. May 1, page 40

CONTAINER GARDENING

Container Compositions. *Using containers adds increased interest and flexibility in landscape designs.* Karen Stoelzle Midden. April 1, page 90

Containing Beauty. *Combination containers create profit, exceed customers' expectations and expand the market for high-quality plant presentations. Take advantage of what this new craze has to offer.* Thomas Smith. Feb. 15, page 28

CONTESTS/AWARDS

ALCA Accepting Entries for Environmental Awards. News brief. June 1, page 12

ALCA Accepting Entries for Landscape Award. News brief. June 15, page 16

All-America Selections Announces Winners for 2000. June 15, page 16

American Conifer Society Offers Grants. News brief. Jan. 15, page 10

Angelica Nurseries Receives Outstanding Employer Award. July 15, page 12

ANLA Accepting Entries for 1999 Herald Award. News brief. June 1, page 12

Arthur A. "Buck" Jones Scholarship Established. News brief. Dec. 15, page 10

ASLA Honors Historic Sites. *The American Society of Landscape Architects has awarded its Centennial Medallion to 326 significant historic*

landscapes across the US. Nov. 1, page 12

ASLA Recognizes 29 Landscape Architects. News brief. Dec. 1, page 12

Briggs Inducted Into ANLA Hall of Fame. *The American Nursery & Landscape Association has inducted Bruce Briggs into its Hall of Fame.* Oct. 1, page 14

Del Tredici Receives 1999 Scott Medal and Award. *The Scott Arboretum of Swarthmore College has presented its 1999 Arthur Hoyt Scott Garden and Horticultural Medal and Award to Dr. Peter Del Tredici.* April 15, page 20

FloraStar Accepting Applications for Spring 2000 Trials. News brief. Aug. 15, page 10

FNCA Chooses Plants of the Year for 2000. Oct. 1, page 16

'Gardening in America' Receives National Award. Nov. 15, page 21

Goldsmith Staffer Recognized for Lifetime Achievements. Nov. 1, page 16

John Deere Wins Award for Skid-Steer Design. Oct. 1, page 16

Moore Honored With Lifetime Achievement Award. *Ralph Moore received the first-ever Lifetime Achievement Award from the All-America Rose Selections Inc.* Nov. 15, page 18

NJNLA Honors Landscape Professionals. *The New Jersey Nursery & Landscape Association has honored Franz Fuertges and Roy DeBoer for their contributions to the industry.* March 1, page 15

Nominations Being Accepted for Scott Award. News brief. Aug. 15, page 10

Nursery Professional Presented with Award. *The Perennial Plant Association presented its Garden Media Promotion*

Award to André Viette Farm and Nursery. News brief. Oct. 15, page 10

OSU Plant Pathologist Receives \$508,000 Grant From NASA. Sept. 1, page 16

Pennington Seed Wins International Advertising Award. News brief. Sept. 1, page 14

Pindale Wins SNA Award. *Martha Pindale received the David E. Laird Sr. Memorial Award.* Dec. 1, page 18

Pursell Names Winner in Logo Contest. April 1, page 12

Submissions for Landscape Awards Being Accepted. *The Landscape Contractors Association MD+DC+VA is accepting submissions for its 1999 Excellence in Landscape Awards Competition.* News brief. July 15, page 10

University of Minnesota Seeks Nominations. *The College of Agricultural, Food and Environmental Sciences at the University of Minnesota accepts nominations for the Siehl Prize for Excellence in Agriculture.* News brief. Jan. 15, page 10

Viette Receives Garden Club of America's Medal of Honor. Aug. 15, page 12

CRIME/FRAUD

Oregon Seed Co. Faces Civil Penalty. News brief. April 15, page 16

EDUCATION/TRAINING (see also PROFESSIONAL CERTIFICATION)

Mid-Am to Offer Educational Seminars. Sept. 1, page 20

National Gardening Association Promotes Children's Gardening. April 1, page 16

EMPLOYEE ISSUES/ MANAGEMENT (see also IMMIGRATION)

Company Cease-Fire. *Identifying and solving*

employee conflicts can help managers cool things down before they heat up. Phillip M. Perry. Nov. 15, page 57

Crime and Punishment. How should you react when one of your employees is arrested and charged with a crime? Phillip M. Perry. Sept. 15, page 54

A Family Affair. Family-owned businesses can eliminate many struggles and potential problems with open communication and solid planning. Phillip M. Perry. Jan. 15, page 83

Help Wanted. A solid evaluation of your company's objectives, creative advertising and good business culture go a long way when it comes to recruiting and retaining great employees in a tight labor market. Dr. Robert A. Milligan. Oct. 15, page 39

A Hire Power. Recruiting and retaining great employees in a tight labor market involves aggressive strategies that are often underused or overlooked in the green industry. Phillip M. Perry. Oct. 1, page 75

Maintaining Good Health. With the cost of health insurance rising, employers need to look at other options. Phillip M. Perry. Aug. 15, page 79

Stressed Out. Workplace stress can cost your business money, customers and employees, but there are several techniques available to reduce this increasing problem. Phillip M. Perry. July 15, page 90

ENDANGERED PLANTS

Community Support Saves Historic Eastern Cottonwood. Sept. 15, page 12

ENVIRONMENT

New Trees Sprout From EPA Settlement. Sunoco Inc. will plant more than 200 trees as the result of

an EPA settlement. Pest Control brief. June 15, page 14

Red Maple Threatens Forests in the East. April 1, page 18

EQUIPMENT/SUPPLIES

Flying Insect Trap Provides Clean Removal of Lady Beetles. Pest Control brief. March 1, page 8

Fully Equipped. Facing an ever-shrinking labor market — not to mention a nagging lack of time — nursery professionals are being resourceful and designing their own tools. Marisa Delane. Dec. 1, page 26

GameTime Expands Manufacturing Facility. News brief. Nov. 15, page 16

On the Right Trac. A line of unique, multipurpose tractors has been helping nursery and landscape professionals streamline their tasks. Beth L. Gainer. July 1, page 26

Smart Carts. Display carts increase sales and decrease labor. So why do many retailers insist on using cinder blocks and tabletops for their displays? Jim Van Dellen. Feb. 15, page 32

Sprayer Targets Weeds on Sight. Pest Control brief. Jan. 15, page 8

Wholesale Shipments of Snow Throwers Drop in 1999. News brief. Aug. 15, page 10

FERTILIZERS/PLANT NUTRITION

Hormodin Granted Zero REI. The Geiger Cos. has received approval from the EPA to reduce the restricted entry interval for the Hormodin line of root-growth compounds to zero. News brief. March 1, page 10

Michigan Student "Discovers" Alternative Fertilizer. Jared Milarch has introduced a little-known, naturally occurring substance called Azomite to the

nursery industry for use as a plant fertilizer. March 1, page 10

Pennington Repackages Fertilizers. Nov. 1, page 14

FIELD NOTES

Acer argutum. Michael E. Ecker. June 15, page 90

Alchemilla mollis. Nancy Rose. June 1, page 82

Amsonia hubrichtii. Barbara Schlein. April 15, page 90

Aster patens. Jennifer Kujawski. Sept. 15, page 86

Berlandiera lyrata. Jim Borland. May 1, page 106

Buxus × 'Green Gem'. Michael J. Schneider. Oct. 1, page 122

Crataegus crus-galli var. *inermis*. Nancy Rose. Feb. 15, page 82

Cryptomeria japonica 'Globosa Nana'. Richard A. Larson. Feb. 1, page 192

Dianthus gratianopolitanus 'Firewitch'. Hubert P. Conlon. Dec. 1, page 102

Elliottia racemosa. Samuel W. Jones. March 15, page 90

Eriolobus trilobatus. Michael S. Dosmann. July 1, page 98

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Helianthus divaricatus. Jennifer Kujawski. Dec. 15, page 118

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Magnolia virginiana. Hubert P. Conlon. July 15, page 126

Picea glauca var. *densata*. Michael J. Schneider. Jan. 15, page 122

Pityopsis graminifolia. Jennifer Kujawski. Jan. 1, page 114

Salvia uliginosa. Dr. Mike Schnelle. Aug. 15, page 110

Sorbus decora. Terry Schwartz. April 1, page 126

Thelesperma filifolium. Jim Borland. Nov. 15, page 94

Ulmus alata. Dr. Mike Schnelle. March 1, page 98

Ulmus alata 'Lace Parasol'. Brian Upchurch. Nov. 1, page 122

Viburnum sieboldii. John Van de Water. Aug. 1, page 94

FINANCIAL ISSUES/ MANAGEMENT

2000: A Business Odyssey. As a computer-driven America hurtles into a new age, emerging trends will change the way business law works. Fred S. Steingold. Dec. 1, page 63

ALCA's Management Program Enters Fourth Year. May 1, page 24

Financing Your Business: Determining the Profitability Cycle. First Person. Jansen Chazanof. Feb. 1, page 8

The Key to Claiming. Business owners can help themselves at tax time by becoming familiar with which business expenses are deductible. Fred S. Steingold. March 1, page 67

Smooth Selling. When selling or buying a business, a detailed sales contract is needed along with other safeguards. Fred S. Steingold. July 1, page 57

GARDEN CENTERS (see RETAILING)

GENETICS

Ball Helix Takes Aim at Ornamentals With Gene Gun. Ball Horticultural Co. has acquired rights from The Scotts Co. to use the

transformation technology of the gene gun in its production of ornamental seed. May 15, page 12

GROWING

The Big Screen. Thuja × 'Green Giant' is becoming popular among landscapers, growers and homeowners alike. This easy-to-propagate cultivar makes a beautiful, hardy screen. Jason J. Griffin, Dr. Frank A. Blazich, Dr. Thomas G. Ranney and Dr. Stuart L. Warren. Nov. 1, page 68

A Breath of Fresh Air. Naturally ventilated greenhouses create ideal outdoor growing conditions indoors — and can help growers conserve resources. Gary Baze. Oct. 1, page 48

Finishing School. Growers can employ certain techniques to force flowering and schedule perennials for specific sales windows. Allen R. Pyle. March 15, page 46

Flower Power. Research has shown that plant growth regulators can successfully force mountain laurel flowering, which can improve spring sales of this plant. Richard E. Bir and Dr. Thomas Banko. June 1, page 52

The Shoot-to-Root Bond. Understanding the complex and interrelated physiological and environmental processes involved in hardening woody plants can help growers improve these plants' cold tolerance. Dr. Hannah Mathers. May 15, page 66

Tree Fertilization Standard Published. May 15, page 16

HERBICIDES/FUNGICIDES /PESTICIDES (see also PEST/DISEASE CONTROL and IPM)

1999 New England Pesticide Guide Available. Pest Control brief. May 15, page 10

1999 Pesticide Guide Available. Pest Control brief. April 1, page 10

Camelot Fungicide Registered for California. Pest Control brief. Oct. 15, page 8

Conserve Pesticide Approved for Greenhouse Use. Pest Control brief. Jan. 15, page 8

Decree Receives EPA Approval. Pest Control brief. Aug. 15, page 8

Floramite Approved by EPA. Pest Control brief. Dec. 15, page 8

Griffin, Nation's Ag Join to Produce Fungicides. Pest Control brief. Dec. 15, page 8

Heritage Fungicide Receives EPA Registration. Pest Control brief. May 15, page 10

Kaligreen Receives Expanded Label. Pest Control brief. Aug. 15, page 8

Miticide Approved by the EPA. Pest Control brief. Oct. 1, page 10

Novartis Earns Expanded Fungicide Label. Pest Control brief. Nov. 1, page 8

Novartis Introduces New Insecticide and Fungicide. Pest Control brief. Dec. 15, page 8

Pesticide Warning Signs Available on Internet. Pest Control brief. Dec. 15, page 8

Seeking Approval. A government-supported program helps foster pesticide-label registration and expansion for the nursery industry. J. Ray Frank. Aug. 1, page 62

Snapshot Registered for Use in California. Pest Control brief. April 15, page 14

Talstar CA Registered With Expanded Label. News brief. Dec. 1, page 12

Usage Instructions Added to Scotts Co. Fungicide. *Pest Control brief.* Nov. 1, page 8

IMMIGRATION (see also EMPLOYEE ISSUES/MANAGEMENT)

ANLA Members Voice
Need for Immigration
and Labor Reform.
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INSURANCE ISSUES

Florists' Mutual Offers
Liability Insurance,
Plant Production
Management Software.
Oct. 15, page 12

Protecting Your Invest-
ments. *Many nursery
professionals are insuring
their plants to protect
themselves when major
losses occur.* Nelson
Maurice. Oct. 1, page 83

INTEGRATED PEST MANAGEMENT (IPM) see also HERBICIDES/ FUNGICIDES/PESTICIDES and PEST/DISEASE CONTROL)

Gempler's 1999 *IPM
Almanac* Updated. *Pest
Control brief.* Aug. 1,
page 12

Methyl Bromide Alterna-
tive Proposed in Califor-
nia. *Researchers at the
University of Kearney
Agricultural Center have
developed a solarization
process that is being
considered as a methyl
bromide alternative.*
April 15, page 16

Natural Deterrents.
*According to recent
evaluations, several
woody landscape plants
have shown some level of
pest resistance and may
prove viable alternatives
to chemical pesticides.*
Monte P. Johnson.
Nov. 15, page 44

University to Coordinate
Pest-Management Pro-
gram. Nov. 15, page 18

INTERNATIONAL BUSINESS

Distributors Conduct
Overseas Plant Exchange.
*Several new plant va-
rieties will be released in
North America this year
due to the cooperative*

*efforts of two plant
distributors: Pride of Place
Plants Inc. and Novitas
Plantae.* Feb. 1, page 14

Oregon Nursery Industry
Looks to Japan. *Oregon's
nursery industry is look-
ing to Japan as a poten-
tial import and export
market for plants.* Nov. 1,
page 15

Pacific Northwest
Growers Seek Market in
Japan. May 1, page 20

INVASIVE PLANTS

Florida Growers Urged to
Stop Selling 11 Invasive
Plants. July 15, page 12

Green Industry Urged to
Stomp out Giant Salvinia.
Pest Control brief. Aug. 1,
page 12

Invasives Roundtable.
*In a no-holds-barred
discussion, plant profes-
sionals tackle the topic of
invasive plants — and the
commercial horticulture
industry's responsibilities.*
July 15, page 54

Minnesota to Revise
Rules Governing Invasive
Plants. Jan. 1, page 12

USDA Adds Two Plants
to its Noxious-Weed List.
May 15, page 10

USDA to Amend Noxious-
Weed Regulations. *Pest
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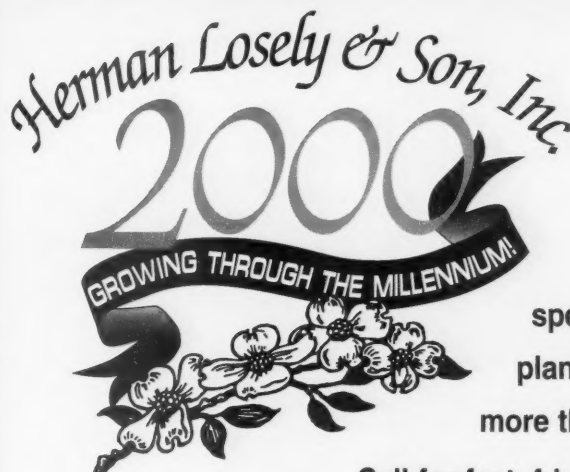
IRRIGATION/WATER CONSERVATION

Gelled Water Offers
Growers an Irrigation
Alternative. *DRiWATER
Inc. now offers several
application methods for
use with its gelled water
product in nursery
operations and land-
scapes.* July 1, page 18

Water-Saving Strategies.
*Several cultural practices
can conserve water in the
landscape and assist in
the growing of water-
resistant plants.* Dr.
Hannah Mathers. April
15, page 52

LANDSCAPE BUSINESS

ALCA's Student Career
Days Program Grows. *The
1999 Student Career Days,*

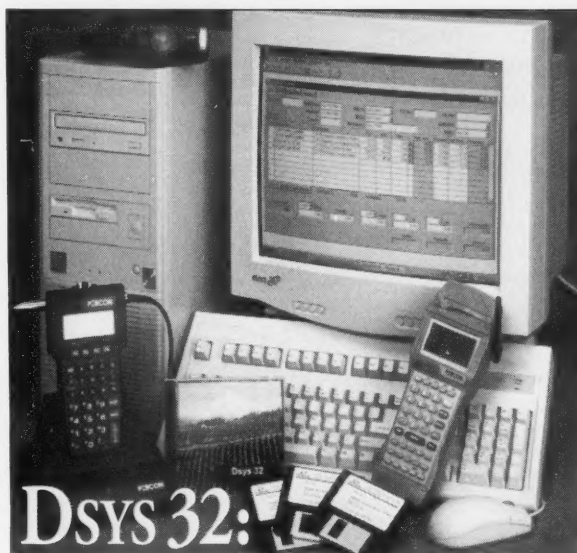


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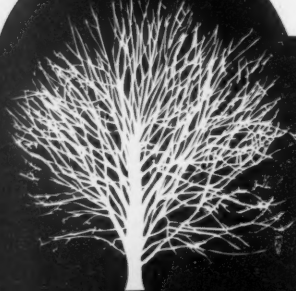
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hosted by ALCA, attracted the most students and landscape companies in the program's 23-year history. June 15, page 18

Clarence Davids & Co. Has a Cow. A landscape company adds a Fiberglass cow statue to a planter in Chicago. Oct. 1, page 14

Consolidation of Landscape Companies Increases ALCA Membership. May 15, page 16

Expo 99 Draws Largest Crowd in its History. Oct. 1, page 17

Landscape Architecture a Hot Track Profession. Landscape architecture was named a runner-up hot track profession by U.S. News & World Report. News brief. Feb. 1, page 12

Landscape Industry Reports Record Revenues. More than 21 million households spent \$16.8 billion on professional landscape services in 1998. News brief. July 1, page 14

LANDSCAPE DESIGN/INSTALLATION

Accessible Gardening. An enabling garden illustrates a wide range of possibilities for gardeners of all ages and abilities. Sally D. Benson. Sept. 1, page 44

Chicago Museum Creates a Native Midwestern Ecosystem. The new Peggy Notebaert Museum in Chicago has restored a portion of the city's original shoreline to create a native Midwestern ecosystem. Feb. 15, page 10

Drama in Design. A steeply sloping hillside is transformed into a backyard playground at this Virginia Superior Site. Leah Bocanegra. Jan. 1, page 26

Frontyard Facelifts. Update frontyard landscapes by softening walkways with borders of perennials and grasses, adding colorful containers

to doorways and incorporating a variety of evergreens about the lawn. Douglas MacDonald. Oct. 15, page 52

In the Spirit. When renovating a garden, landscape designers must take care to preserve the spirit of the original landscape design. Iain M. Robertson. Oct. 15, page 43

In Style. Landscape designers who understand architectural styles can create appropriate — and better — landscapes. Frederick R. Spicer Jr. April 1, page 26

Lands Across America. From recognizing vacant lots to seaside gardens, the 1998 American Garden Awards program proves it's not the size of a garden that counts — it's what landscape designers put into them. Jennifer Hooks. May 15, page 51

Landscape Professionals Beautify Arlington Cemetery. News brief. Oct. 1, page 12

Lava Rock Offers Landscapers a Design Alternative. Gardeners are discovering the beauty and benefits of using decorative lava rocks in their landscapes. April 1, page 12

A Natural Attraction. By focusing on simplicity and building on the area's intrinsic beauty, a landscape architect transforms a flood-prone coastal property in Maine into a naturalistic haven in this Superior Site. Sarah McCollum Landicho. Sept. 15, page 48

Nothing but the Best. As homeowners have more money to spend, they are requesting top-quality amenities to enhance their landscapes. Kathleen Lucadamo. Aug. 1, page 28

A Personal Playground. Clever planning and an understanding of his client's wishes helped a landscape architect turn a flat back yard into a

textured Idaho Superior Site. Jennifer Hooks. April 1, page 38

Reunion With Nature. Stone animals, bronze figures and terra-cotta urns are being used to unite human and natural elements and bring unique personality to landscapes across the country. Kathleen Lucadamo. April 1, page 44

Setting Your Sites. Determining the characteristics of a difficult site and understanding how to adjust to those conditions can help landscape designers turn a problem area into a thriving garden. Lois Berg Stack. Dec. 1, page 48

Sudden Impact. With a plethora of radiant colors, sizes and textures, perennials are now being used in many ways to liven up the landscape. Dan Simmons. Nov. 15, page 30

Toasting a Landscape. An Ohio winery is transformed into a public entertainment center in this Superior Site. Kathleen Lucadamo. July 1, page 52

LEGISLATION/ REGULATION, NATIONAL

Clinton Issues Executive Order on Invasive Species. April 15, page 22

Driving Laws Amended for Teen Workers. Jan. 1, page 14

H-2A Guest Worker Reform Bill Dies in House. Jan. 1, page 14

H-2A Reforms Bill Introduced to Congress. Dec. 15, page 10

Pandora's Box. The Food Quality Protection Act promises to more closely regulate agricultural pesticides, and this new law will have wide-reaching effects on the nursery industry. Paul Guillebeau. March 1, page 36

LEGISLATION/ REGULATION, STATE

California Moves to Exempt Reduced-Risk Pesticides From Registration. Pest Control brief. May 1, page 18

Oregon Issues Fines for Pesticide Violations. April 1, page 18

Oregon to Develop a Pesticide-Use Reporting System. Sept. 15, page 12

MARKETING/ ADVERTISING

Chamber of Opportunity. The chamber of commerce is an often overlooked and underutilized resource for networking and helping your business grow. Phillip M. Perry. April 15, page 60

Courting the Consumer. To increase their business, growers and garden center owners need to meet the demands of the often-overlooked consumer — the home gardener. Carol J. Sutton. Feb. 15, page 40

John Deere to Provide On-Site Mower Maintenance. Deere & Co. offers on-site maintenance service for lawn-care equipment in more than 30 states this spring through its Ready to Mow program. May 15, page 14

Jumping on the Brand Wagon. By branding its plants and developing new marketing schemes, Monrovia, as well as other growers, are attempting to generate higher profits and stronger customer loyalty. Brandon Stahl. Sept. 15, page 43

The Main Attraction. By building on European examples, North American garden centers can become popular — and profitable — tourist destinations. Brian Minter. Jan. 15, page 64

Monrovia Adds to Garden Design Series. Aug. 15, page 18

New Marketing Services Company Established. GreenAdvice is a new marketing services com-

pany specializing in the ornamental, turfgrass, consumer and specialty agriculture industries. *News brief.* Nov. 1, page 10

Ohio Grower Launches Brand-Marketing Campaign. Corso's Perennials has launched a marketing campaign designed to establish an identity for its herbs through branding. Feb. 1, page 12

Worth Every Penny. Dealing with price competition involves more than just lowering your prices. Enhancing customers' perceived value of your product or service is the most effective way to stay ahead of the game. *Wayne Outlaw.* Jan. 1, page 46

MASS MERCHANDISING

Frank's Donates Money for Cancer Research. April 1, page 12

MERGERS/ACQUISITIONS

Bayer-Pursell Enters Garden Market. *News brief.* Nov. 15, page 16

Burlington Acquires Dragon Corp. *News brief.* May 1, page 20

Century Rain Aid Buys Rain Control. March 1, page 16

Entrepreneur Acquires Blooms of Bressingham. May 1, page 20

Gardening Site Announces Joint Venture Agreement. *News brief.* Nov. 15, page 16

Monsanto and DuPont in Merger Talks. April 15, page 21

NATIVE PLANTS

EPA Creating Native Plant and Seed Supplier Directory. *News brief.* Sept. 1, page 14

Gardening on the Wild Side. Outstanding native wildflowers bring year-round color and texture to the landscape. *Carole Ottesen.* Nov. 1, page 24

NURSERY INDUSTRY

1998 Wage & Benefit Survey. Increased wages and benefits can help employers keep workers satisfied, but with the continuing labor shortage, is it enough? June 1, page 22

Albin Resigns From ANLA, Joins New Management Company. Aug. 1, page 14

American Forests Spreads Johnny's Apple Seed. American Forests has produced direct offspring of the last known tree planted by Johnny Appleseed. June 1, page 16

Ames-True Temper Opens Center. Nov. 15, page 21

Bailey Pedals Across Six States to Raise Funds for HRI. Sept. 1, page 14

Bailey to Ride Bike in Support of HRI. Gordon Bailey is planning a multistate bicycle ride to raise money for the Horticultural Research Institute. *News brief.* April 1, page 12

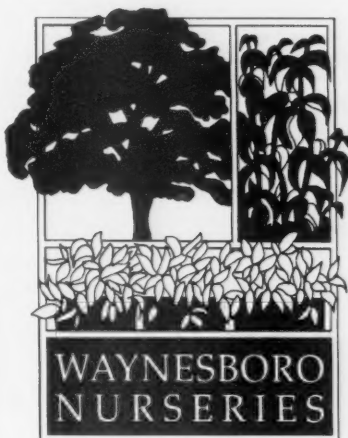
Bonsai Bonanza. The US bonsai industry is growing dramatically because nursery professionals and consumers have a huge fondness for these little plants. *Thomas S. Elias.* April 1, page 60

Breaks Reduce Fatigue at Trade Shows. Trade show exhibitors should take frequent breaks during the day in order to reduce fatigue. March 1, page 12

Bridge Over Trading Waters. The SUSTA/INA Mission to the IPM Horticulture Trade Show takes the US industry to the world's fair of horticulture. *Matt Schlossberg.* Dec. 15, page 88

City Park Plants Sod Sans Soil. A soilless sod system from Australia is getting a shakedown in Chicago to see if it can prevent a puddle problem. Oct. 15, page 10

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Exotic Beetle Found in US. *Pest Control brief.* Sept. 15, page 8

Exotic Pest Found in California. Dec. 1, page 16

Fungus vs. Fungus in Battle Against DED. Jan. 1, page 10

Hormodin Labeled for California Growers. *Pest Control brief.* July 15, page 8

Hosta Takeover. *Proper cultural practices, fungicides and other methods can control or prevent crown rot on hostas.* Brooke Edmunds, Mark Gleason and Ursula Schuch. Oct. 1, page 66

Illegal Weed Sold on the Web. *The American Nursery & Landscape Association is receiving reports from the USDA that giant salvinia is being sold in the nursery trade.* *Pest Control brief.* Sept. 1, page 12

Imported Fire Ant Heads West. *Pest Control brief.* Feb. 15, page 8

IR-4 Faces Strategic Challenges. *IR-4 serves as a broker for the scientific dialogue between minor crop producers and the agrochemical industry.* Nov. 1, page 12

Juniper Root Weevils Found in Kansas. *Pest Control brief.* June 15, page 14

Lily Leaf Beetle Spreads through New England. *Pest Control.* Richard A. Casagrande. March 15, page 12

Longhorned Beetle Found in Manhattan; Spreads in Chicago. Oct. 15, page 12

Minnesota Sets Gypsy Moth Traps. *Pest Control brief.* Aug. 15, page 8

Mite Causes Distortions on Minnesota Spruces. *Pest Control brief.* Nov. 1, page 8

Multicolored Asian Lady Beetles Swarm the States. Feb. 1, page 10

New Asian Beetle Found in Minnesota Imports. Nov. 1, page 8

New Gypsy Moth Sightings in Oregon. Nov. 15, page 20

North Dakota Releases Flea Beetles to Fight Leafy Spurge. *Pest Control brief.* Oct. 1, page 10

ODA Compiles List of Acceptable Insects. *Pest Control brief.* Feb. 15, page 8

ODA to Spray Residential Site for Gypsy Moth. *Pest Control brief.* May 15, page 10

OFA Offers Pest Identification Guide. *Pest Control brief.* Feb. 1, page 10

Of Mites and Men. *The Connecticut Agricultural Experiment Station rates the best controls to avoid the costly damage caused by two-spotted spider mites.* Dr. Richard S. Cowles and Timothy M. Abbey. Aug. 15, page 68

Oregon Gypsy Moth Population Continues to Decline. Dec. 15, page 8

Oregon Sets Traps for Gypsy Moth. *Pest Control brief.* July 15, page 8

Peach Extract a Possible Methyl Bromide Alternative. *Pest Control brief.* April 15, page 14

Pest Control Product Guide Available. *Pest Control brief.* Jan. 15, page 8

Pine Shoot Beetle Found in Vermont. *Pest Control brief.* Sept. 1, page 12

Pine Wilt Disease Increases in Missouri. Nov. 15, page 20

Proper Plant Diagnosis. *A systematic approach is needed to properly identify the cause of plant stresses and diseases.* Dr. Fredric Miller. July 15, page 78

Readers Sound Off on Deer Control. July 1, page 12

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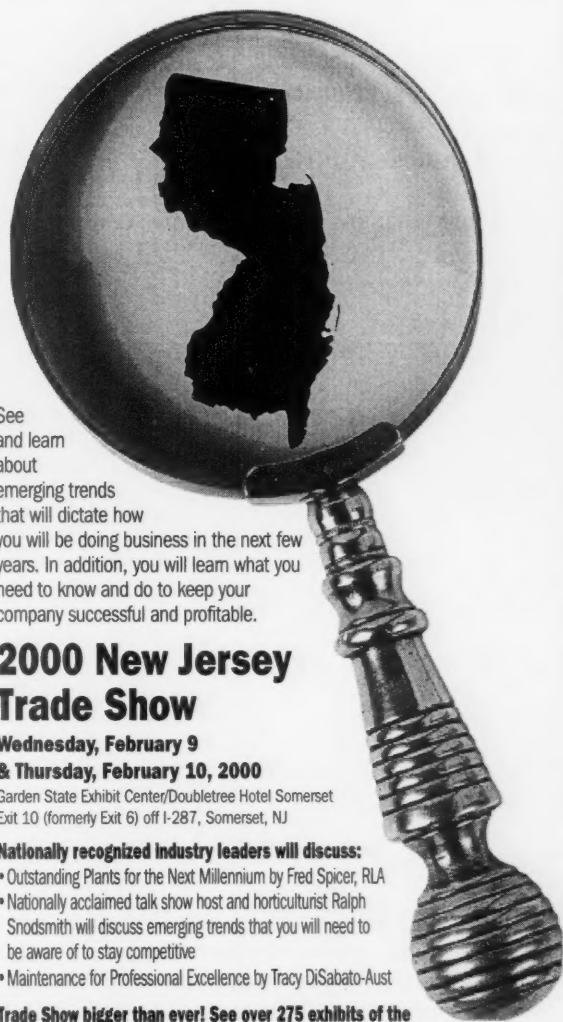
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Rottin' Roots. Root rot can wreak havoc in a nursery, but through accurate diagnosis and proper cultural, biological and chemical controls, nursery professionals can limit the damage and stop this disease. Dr. Olaf K. Ribeiro. Nov. 15, page 48

Roundheaded Apple Tree Borer Eats Away at Growers' Profits in Maine. April 1, page 10

Russian Honeybees may Prove Mite-Resistant. Pest Control brief. Oct. 15, page 8

The Scourge of Scots Pine. Nursery professionals and landscapers need to understand what causes pine wilt so they can work on preventing and eradicating this devastating disease. Mark Gleason, Narjess Zriba and Marc Linit. July 15, page 46

Stressed Oaks Susceptible to Twolined Chestnut Borer. Sept. 1, page 12

Sustainable Beauty. To prevent the proliferation of plants and diseases, the University of Rhode Island Cooperative Extension is listing and promoting Northeastern sustainable plants. Marion Gold, Dr. Brian K. Maynard and Dr. Richard A. Casagrande. June 15, page 60

Take Control of Scale Infestations. Pest Control. Dr. Fredric Miller. Nov. 15, page 14

Thrips and Mites Increasing in Maryland. Pest Control brief. Oct. 1, page 10

USDA Amends Cut Flower Regulations. Pest Control brief. Sept. 15, page 8

USDA Gives \$5 Million to Combat Asian Longhorned Beetle. Pest Control brief. May 1, page 18

USDA Issues Quarantines to Control Pine Shoot Beetle. Feb. 15, page 8

Viburnum Leaf Beetle Infests New York. March 1, page 8

Voles — Unsuspecting Varmints in Landscape Feeding. April 15, page 14

Weather Permitting. A mild winter and preventive measures limited the amount of diseases at most nurseries this year. However, excess rain and dry conditions in various regions threaten the 2000 growing season. Kathleen Lucadamo. Sept. 1, page 26

Weed Patrol. Proper use of herbicides and other weed controls can greatly reduce the container weeds in your nursery. Dr. Todd L. Mervosh. Sept. 1, page 32

Western Gall Rust Re-emerges in Kansas. Aug. 15, page 8

Wisconsin Sprays for Gypsy Moth. Pest Control brief. Aug. 1, page 12

PLANTS

Aloha Hawai'i. With growing interest in Hawai'i's beautiful plants, nursery professionals and landscapers would do well to offer these colorful beauties to their customers. Richard A. Criley. Aug. 1, page 50

Another Look at Arborvitae. When used and maintained properly, arborvitae offer landscapes unique grace and textures — and deserve a second look. Michael E. Ecker. Nov. 1, page 50

Architectural Alternatives. Landscapes with limited space can benefit from hardy, beautiful conifers that provide structure. Charlene Harris. Jan. 15, page 22

Australian Fuschia. Although often underused, Correa species and cultivars make nice landscape additions in Mediterraneanlike climates. Nicole A. Reed. Dec. 1, page 42

Bamboo: Beyond the Tropics. Despite the exotic images bamboo may evoke, it's much hardier and adaptable than you may think and works well in a variety of landscapes. Christopher DeRosa. May 15, page 60

Becoming Well-Grounded. Using unique combinations of underused groundcovers can take a landscape to different levels. Kathy Freeland. April 15, page 34

Beyond the Norm. New and unusual shrub varieties bring color, texture and beauty to foundation plantings and borders. Debbie Lonnee. Sept. 1, page 56

Beyond the Sea. Seaside landscapes require hardy plants that are tolerant of conditions not often found in traditional garden settings. Ellen Tal-mage. March 15, page 58

Breck's Brings a Touch of Dutch to U.S. Breck's is introducing several plants this fall that the company believes match current trends in Holland's bulb industry. Aug. 15, page 10

Cashing in on Color. Sell more bedding plants by expanding your product lines and using creative merchandising techniques. Don Grey. Feb. 15, page 22

Caveat Emptor. Nursery professionals should use only those poplar clones that have proved to be hardy and pest- and disease-resistant. Don I. Dickmann and Jud G. Isebrands. March 1, page 60

The Class of 1999. Growers and garden center owners can enliven their plant selections and increase sales by offering this year's plant award winners. Leah Bocanegra. Jan. 1, page 38

Climbing the Walls. Decorative foliage, stunning blooms and interesting growing patterns make vines and

other climbers popular choices for landscapes. Rick Sorenson. April 15, page 40

Colorful Trailblazers. Nursery, landscape and retail industries will reap great rewards by offering wonderful, unique plants to customers. Here is just a taste of the new plants commercially available to the US nursery industry. June 15, page 28

A Conifer Collection. Unusual conifer varieties bring diversity to the landscape, and are worth adding to the plant palette. Gregory Tormey. Jan. 15, page 58

Earthbound. Groundcovers fill garden spaces, spreading beauty and utility in the landscape. Wally Pressey. April 15, page 28

Fascinating Foamflowers. With attractive foliage and surprising flowers, numerous types of Tiarella offer interesting alternatives for shady sites. Dan Heims. Jan. 1, page 30

A Garden Walk-Through. A Minnesota nursery professional shares the Upper Midwest woody ornamentals and perennials that adorn his back yard. Terry Schwartz. July 1, page 32

Globe Trotters. Coming from faraway lands, exotic viburnums are beautiful, useful and provide year-round interest in American landscapes. Harrison L. Flint. April 1, page 68

Great Plains Plants Selected. The Nebraska Statewide Arboretum and the Nebraska Nursery & Landscape Association have chosen the 1999 GreatPlants for the Great Plains. July 1, page 14

Heuchera Heyday. With wonderful flowers, amazing foliage, and good disease and insect resistance, new breeds of Heuchera are valuable landscape assets. Dan Heims. March 1, page 30

Holly: Rediscovering a Jewel. The hardy forms, festive spirit and relatively easy cultivation of *Ilex opaca* once again garner this species well-deserved attention. Richard A. Larson. Aug. 1, page 32

Jumping for Junipers. Despite the stereotypes often placed on junipers, there are a number of unique cultivars hardy to the East and Midwest that can bring a fresh twist to this old standby. Dr. Mark Zampardo. Oct. 1, page 56

'Kim's Knee High' Just a Bit Higher. Niche Gardens has announced *Echinacea purpurea* 'Kim's Knee High' is growing taller than the dimensions stated in the grower's catalogs. Nov. 1, page 14

The Magic of Moss. The right combination of moss, wildflowers and other native plants can turn an ordinary lawn into a low-maintenance, lush and stunning landscape. David E. Benner. March 1, page 44

Michigan Buyer Introduces New Groundcover. English Gardens has introduced *Lamium maculatum* 'Orchid Frost'. June 1, page 12

National Garden Bureau Honors Salvia. The National Garden Bureau Inc. has named 1999 the Year of the Salvia. News brief. March 1, page 10

New for 2000. The invigorated interest in all things green that was seen in the '90s is sure to continue growing well into the next century — especially with the variety of new plants being unveiled for 2000. Dec. 15, page 29

New Plant Commemorates Victims of Columbine Shooting. Dec. 15, page 12

Not Just a Pretty Face. Responding to consumers' desire for beautiful, low-maintenance roses, the All-America Rose Selections Inc. selects varieties with disease resistance and timeless color as

the 2000 award winners. Kathleen Lucadamo. May 15, page 34

Out of Africa. The unique forms and stunning blooms of *Leonotis* add color and dimension to the landscape. Jack Henning. Aug. 15, page 52

A Perfect Fit. With attractive foliage, ornamental features, pest resistance and cold hardiness, several small trees are ideal for compact spaces in Northern landscapes. Reeser C. Manley. March 15, page 24

Peter Picks a Pack of Pond Plants. A Northwestern pond designer shares his plant picks for creating the ultimate water feature. Dr. Peter Shaw. July 1, page 42

Prickly Assets. Thorny plants don't deserve their bad reputation, as these remarkable and useful beauties enhance the landscape year-round. Dr. James B. Calkins. Feb. 1, page 26

Publication Addresses the Genus *Magnolia*. The Magnolia Society Inc. has published *Magnolias and Their Allies*, the proceedings of the international symposium jointly sponsored by the society and the International Dendrology Society. News brief. Feb. 1, page 12

Red Flower Carpet Rose Slated for Spring 2000 Release. Sept. 1, page 16

Roses for the 21st Century. Hailing from Canada are many beautiful and hardy rose varieties ideal for the Upper Midwest. Terry Schwartz. May 15, page 26

Shades of *Pulmonaria*. Brighten up the shade garden with masses of pest-resistant, silver-spotted foliage and beautiful blooms of pink, blue and red. Dan Heims. Sept. 1, page 50

A Shady Desert. Thriving in alkaline soils generally low in nitrogen, desert-

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Bamboo Stakes

adapted trees can bring comfort and beauty to the desert Southwest. Mary F. Irish. July 15, page 36

Short & Sweet. Colorful, beautiful and cold-tolerant, perennial grasses offer ornamental value and textural contrast, proving big landscape additions can come in small packages. Kathy Freeland. Oct. 15, page 22

Souvenirs from the South. With ornamental appeal, longevity and pest resistance, Southern varieties of Baptisia make attractive choices for Northern landscapes. Brian McGowan. June 1, page 30

Sprucing Up the Landscape. With different forms and textures, colorful conifers create year-round drama in the landscape. Rich and Susan Eyre. Jan. 15, page 32

Tesselaar Introduces New Rose Collection. Aug. 1, page 18

Thuja Thrills. The many shapes, lacy foliage, and brilliant greens and golds of arborvitae should earn this conifer higher regard among Northern landscapers. Dr. Edward Hasselkus, Dr. Clark West and Dr. Mark Zampardo. May 15, page 40

Timeless Trees. Expand your plant palette to include some durable shade and ornamental trees that have proved worthy for a variety of landscapes. Jeff Iles. Dec. 1, page 36

Titanic Trees. Large trees not only offer powerful structure to outdoor spaces, they add interest, shelter and wonder for future generations to enjoy. Frederick R. Spicer Jr. July 15, page 26

Trend-Setting Tulips. The spring bulbs favored by home gardeners and landscapers are sure to be a hit at your sales counter, too. Sally D. Benson. Aug. 15, page 32

Viburnum Vibrancy. From accents to tall screens, North American viburnums prove to be valuable landscape plants no matter where they are used. Harrison L. Flint. March 15, page 30

PROFESSIONAL CERTIFICATION

Horticulture Leaders Offer Naturalist Certificate. The Morton Arboretum, Lisle, IL, and the Chicago Botanic Garden, Glencoe, IL, have combined efforts to offer a Naturalist Certificate program. May 1, page 24

To Certify or Not to Certify. Certified Landscape Technicians — CLTs — are growing in numbers. Can your company or your career benefit? Brandon Stahl. Aug. 15, page 58

PROFILES

Father Nature. With a love for nature and a commitment to the environment, one landscape designer uses unique approaches to transform the Pacific Northwest into a healthy, balanced habitat. Jennifer Hooks. Jan. 15, page 44

From the Ground Up. A Wisconsin landscaper builds a garden center — and a successful career. Beth L. Gainer. Nov. 15, page 40

In Focus. A Michigan nursery develops a niche and embraces changes in production. Beth L. Gainer. Oct. 1, page 22

Mountain States Wholesale Nursery Celebrates 30th Anniversary. Feb. 1, page 16

One-Stop Shopping. The Garden Center Management Group offers independent retailers a single source for their business-management needs. Sarah McCollum. Aug. 15, page 41

Open Enrollment. Well-respected bulb experts in Virginia have made their mark by educating their clients on the many facets

of the horticulture industry. Beth L. Gainer. Aug. 15, page 24

A Perennial Favorite. The Perennial Plant Association continues to prosper and grow, offering its membership myriad opportunities in the realm of education and promotional materials. Sarah McCollum. Landicho. Nov. 15, page 36

A Profitable Potpourri. By implementing shared-management techniques and focusing on horticulture before business, this West Virginia-based nursery and garden center has ballooned into a multimillion dollar company. Sarah McCollum. May 1, page 44

A Retail Outlet. The Garden Centers of America keeps garden center owners up-to-date on retail and consumer trends. Jim Van Dellen. May 1, page 67

Serving the Public. With a career in public gardens, horticulturist Kim Tripp shares her insights about the importance of botanical gardens and arboreta for the nursery industry and the general public. Beth L. Gainer. June 1, page 46

Shady Grove Plantation & Nursery Celebrates 60 Years. May 1, page 22

Spreading the Word. A Northeast landscape designer capitalizes on her reputation and word-of-mouth promotion to achieve success. Jennifer Hooks. Feb. 15, page 36

Switching Gears. After changing careers, two North Carolina retailers live up to their company's motto, "celebrating the fine art of gardening." Mary Beth Luna. Dec. 1, page 32

Treasure Island. Through success and devastation, Bainbridge Gardens continues to serve as a premier destination garden center on Bainbridge Island, WA. Jim Van Dellen. Sept. 1, page 68

PROPAGATION

Demystifying Micropropagation. Micropropagation is an efficient, reliable production method, but several factors must be considered to achieve success. Lynne Caton. Jan. 1, page 22

A Growing Reputation. Many woodland wildflower species have a reputation for being difficult to propagate by seed. But successful growing can be achieved by using the right propagation method. Bill Cullina. Sept. 15, page 32

Handling Hellebore Seed. The challenge of growing hellebores from seed can be overcome with the proper production methods — and patience. John Seidler. Nov. 1, page 34

Planting the Seeds of Success. Growers can find success propagating perennials by seed using the proper protocols. Allen R. Pyle. Feb. 1, page 52

The Right Solution. A basic understanding of how to mix liquid hormones properly can save money and deliver propagating success. Jeff Sibley. May 1, page 52

Sow Easy. To successfully propagate wildflowers by seed, growers need to know about obtaining quality seed, pregermination treatments and direct seeding. Diane Wilson. Sept. 15, page 24

RECYCLING

MN Continues Pesticide-Container Recycling Program. The Minnesota Department of Agriculture reported that 1998 was another successful year for its empty pesticide-container collection and recycling program. Feb. 15, page 12

RESEARCH

Bacteria Spread by Bug Zappers. Insect electrocutor traps can reportedly launch bacteria found on insects' bodies up to 6 feet. June 1, page 12

BPMI Releases Four New Research Reports. *News brief.* Sept. 15, page 10

Chilling Effects on Shoot Emergence and Growth of *Hosta*. Gary J. Keever, Mark S. West and J. Raymond Kessler Jr. Nov. 15, page 62

Consortium Responds to Industry's Need for Mechanization. *The National Robotics Engineering Consortium has developed two prototypes designed to mechanize tasks involved with producing container-grown nursery stock.* Oct. 1, page 12

Control of Lace Bug on Hawthorn. Stanton A. Gill, David K. Jefferson, Rondalyn M. Reeser and Michael J. Raupp. May 15, page 72

Deer Repelled by Daffodils. *Pest Control brief.* March 1, page 8

Determining Customer Preferences in the Green Industry. Susan S. Barton, John R. Brooker, Charles R. Hall and Steve C. Turner. Sept. 15, page 58

Garden Centers Rate Satisfaction with Wholesale Nurseries. Jeff Iles, William Graves, Anthony Aiello, Cindy Haynes and Ken Stone. April 15, page 62

Landscape Performance of Green Ash Initially Grown in Aboveground Wire Baskets. Dr. Calvin Chong and Bob Hamersma. July 15, page 96

Landscape Quality and the Price of Single-Family Houses. Dr. Mark S. Henry. Aug. 15, page 84

New England Survey to Measure Value of Green Industry. July 1, page 16

Penn State Plant Trials Hit the Road. *The Pennsylvania State University's College of Agricultural Sciences has initiated its Gardener Selects program, which will rate plant performance throughout the state.* Sept. 15, page 16

Phlox Undergo Four-Year Study. *The Chicago Botanic Garden has completed a four-year study of Phlox species and cultivars.* June 1, page 14

Pre-Emergence Herbicides and Container-Grown *Liriope*. Christine K. Hayes, Charles H. Gilliam, John W. Olive, Gary J. Keever and D. Joseph Eakes. Oct. 15, page 58

Propagation of *Quercus myrsinifolia* and *Q. canbyi* by Stem Cuttings. Patrick J. McGuigan, Dr. Frank A. Blazich and Dr. Thomas G. Ranney. Jan. 15, page 90

Research Report on *Ranunculus* Available. *The Bedding Plants Foundation Inc. has released the results of a research project on the temperature and light requirements for the flowering and development of Ranunculus.* Feb. 15, page 14

Response of Four Container Woody Ornamentals to Immature Composted Media Derived from Waxed Corrugated Cardboard. David A. Raymond, Dr. Calvin Chong and Dr. R. Paul Voroney. March 15, page 62

Trade Shows as Marketing Tool for Growers. Enefiok P. Ekanem, Surendra P. Singh, Fisseha Tegegne and Sam O. Dennis. Feb. 15, page 52

RETAIL DESIGN/MERCHANDISING

Best Sellers. *Retailers share their tips for presenting ornamental grasses so that customers pay attention — and gladly pay for them.* Beth L. Gainer. Oct. 15, page 28

Christmas Trees can Sell Themselves. *Christmas tree retailers may want to piggyback their promotional efforts on those of the National Christmas Tree Association to sprout their seasonal selling.* Nov. 1, page 14

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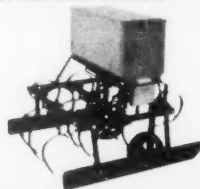
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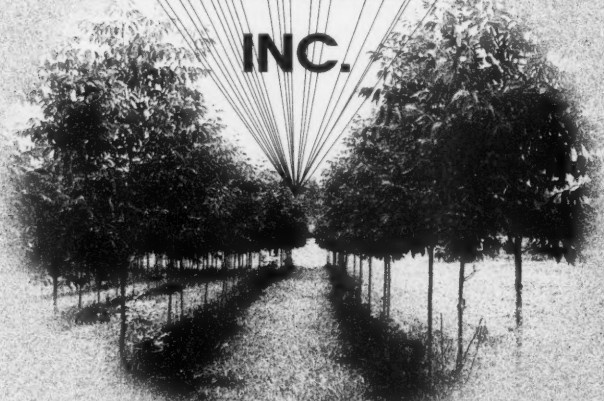
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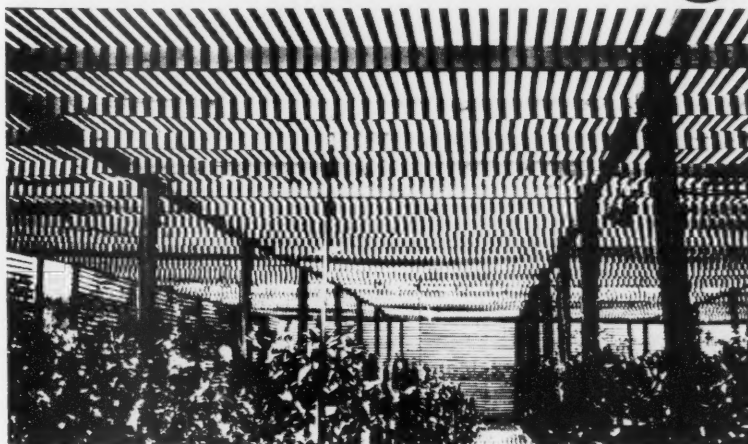
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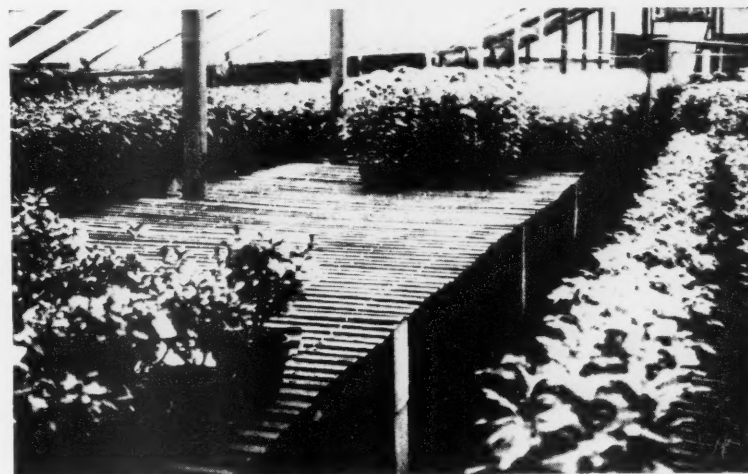
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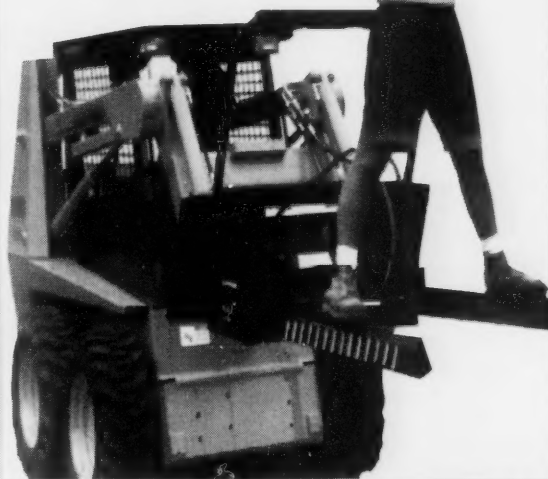
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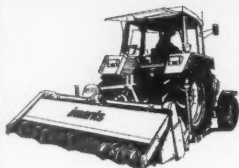
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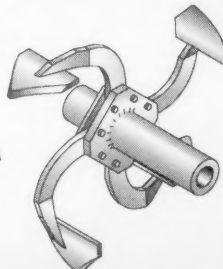
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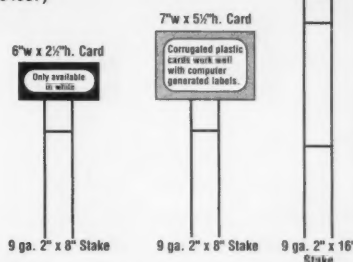
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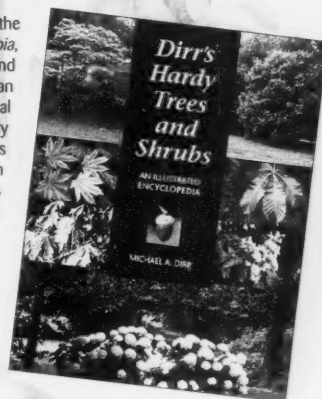
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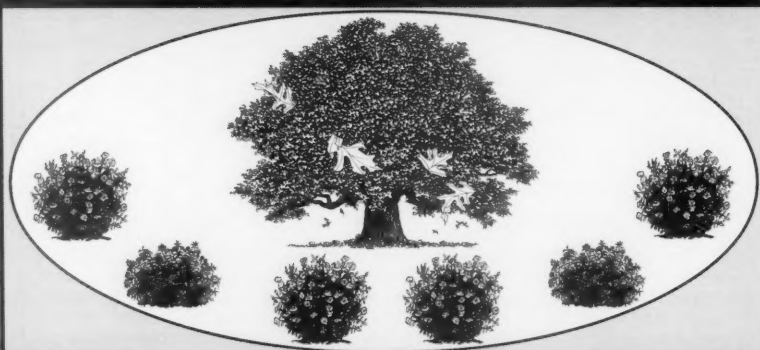
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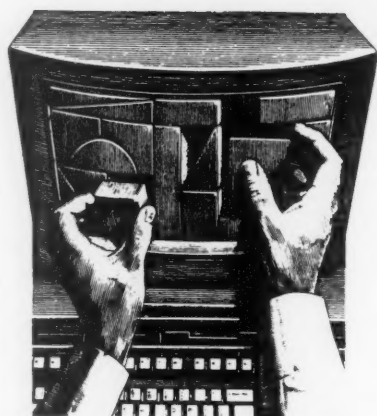
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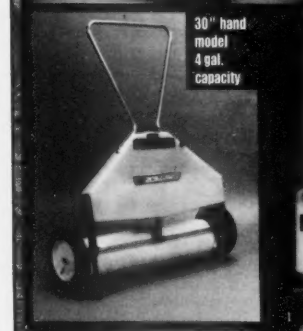
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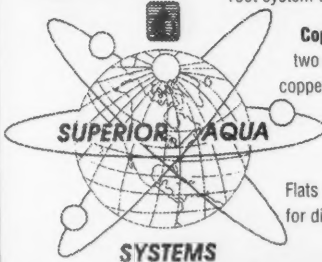
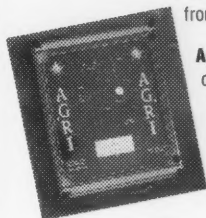
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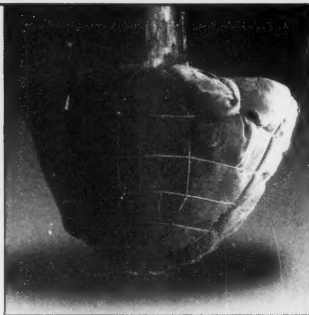
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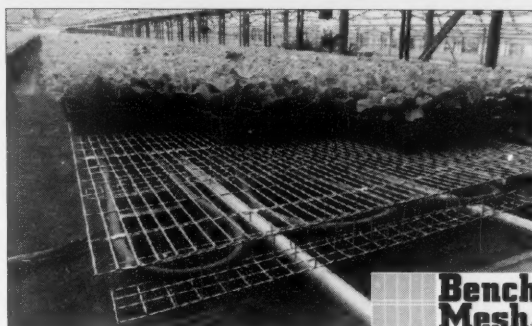
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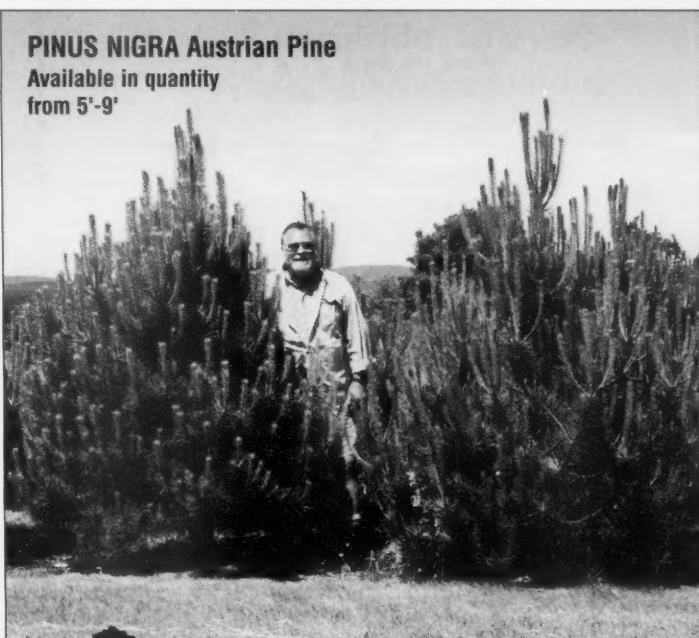
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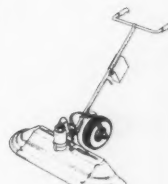
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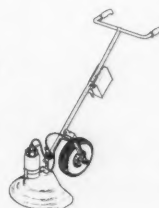
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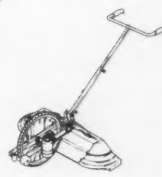
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